

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	397	scanning same finger same movement	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:41
L2	8	L1 and calculat\$3 same distance same sensor same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:45
L3	2	L2 and(@ad<"19990917" or @rlad<"19990917" or @prad<"19990917" or @ptad<"19990917")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:26
L4	2	L2 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:44
L5	0	scanning same finger same movement same without adj laying same finger same(recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:42
L6	0	(scann\$3 or scann)same finger same movement same without adj laying same finger same(recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:43
L7	0	(scann\$3 or scann)and finger and movement same without adj laying same finger same(recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:43
L8	2629	(detect\$3 or determine)same finger and movement same (recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:54
L9	440	(detect\$3 or determine)same finger same movement same (recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:45

## EAST Search History

L10	234	L9 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:49
L11	1	L10 and calculat\$3 same distance same (recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:49
L12	0	L1 and calculat\$3 same distance same(recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:49
L13	3	L8 and calculat\$3 same distance same(recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:55
L14	2	L13 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:55
L15	0	(detect\$3 or determine)same finger and movement same (recognition adj sensor or housing)and printless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:51
L16	0	(recognition adj sensor or housing)and printless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:51
L17	0	printless and visual and finger and(recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:53
L18	0	printless and finger and(recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:53
L19	114721	finger and(recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:56

## EAST Search History

L20	0	L19 and printless	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:53
L21	7613	L19 and (printless or print)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:54
L22	215	L21 and(detect\$3 or determine)same finger and movement same (recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:57
L23	0	L22 and calculat\$3 same distance same(recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:55
L24	14	L22 and calculat\$3 and distance and(recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:58
L25	7	L24 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:57
L26	1740148	(recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:56
L27	186	L26 and(detect\$3 or determine)same(finger adj print or fingerprint)and movement same(recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 10:57
L28	45	L27 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:53
L29	6	L28 and calculat\$3 and distance and(recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:46

## EAST Search History

L30	103	sensing adj movement same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:46
L31	2	L30 and calculat\$3 and distance and(recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:53
L32	1	L31 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:49
L33	531	(camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)same distance same movement same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:52
L34	256	L33 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:54
L35	10	(camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)same distance same movement same finger same calculat\$3 and distance and(recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:54
L36	3	L35 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:54
L37	3	(camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)same distance same movement same finger same calculat\$3 same distance same(recognition adj sensor or housing)same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:54
L38	1	L37 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 11:55

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9228084	printless and (fingerprint or finger adj print)device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:12
L2	0	printless and (fingerprint or finger adj print)same device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:12
L3	0	printless and (fingerprint or finger adj print)and device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:13
L4	11	printless and(camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:20
L5	6	L4 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:22
L6	0	L5 and(scann\$3 or scann)and finger and without adj(laying or touching)and(sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:17
L7	180	(scann\$3 or scann)and finger and without adj(laying or touching)and(sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:17
L8	4	(scann\$3 or scann)same finger and without adj(laying or touching)same(sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:17
L9	0	L8 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:17

## EAST Search History

L10	194	(camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)and(scann\$3 or scann)and finger and without adj(laying or touching)and(sensor or housing or camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:42
L11	3	(camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)same(scann\$3 or scann)same finger same without adj(laying or touching)same(sensor or housing or camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:22
L12	0	L11 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:43
L13	0	L11 and(@ad<"19990917" or @rlad<"19990917" or @prad<"19990917" or @ptad<"19990917")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:24
L14	131	L10 and(@ad<"19990917" or @rlad<"19990917" or @prad<"19990917" or @ptad<"19990917")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:24
L15	2	L14 and(detect\$3 or determine)same finger and movement same (recognition adj sensor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:41
L16	0	tocuhless adj scanner	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:41
L17	103	sensing adj movement same finger	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:42

## EAST Search History

L18	1	L17 and without adj(laying or touching)and(sensor or housing or camera or sensor\$1 or detector\$1 or ccd or CMOS or laser or infrared adj camera or capacitive adj sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:43
L19	0	L18 and @ad<"19990917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:43
L20	0	L18 and(captur\$4 or obtaining)same(finger or user or finger adj tip)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:46
L21	0	L18 and(captur\$4 or obtaining)and(finger or user or finger adj tip)and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:46
L22	0	L18 and(captur\$4 or obtaining)and(fingers or user or finger adj tip)and image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:46
L23	1	L18 and(fingers or user or finger adj tip)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/03 16:46